| Inde | ex of Cla | aims |
|------|-----------|------|
| | | |

| App | licatio | n/Co | ntrol | No. |
|-----|---------|------|-------|-----|
|-----|---------|------|-------|-----|

Mikhail Kornakov

10/666,331

Examiner

Date

Applicant(s)/Patent under Reexamination

HONG SHIH

Art Unit

1746

| √ | Rejected |
|----------|----------|
| | Allowed |

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

Claim

÷

| N | Non-Elected |
|---|--------------|
| 1 | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | | | | | - | ı | | Ь | |
|-------|-----------------------|--------------------------------------------------|----------|--------------|----------|--------------|--------------|----------|----------|----------|
| Cla | aim | Γ | | | _ | Date | | | | |
| Final | | 2/6/18 | | | | | | | | |
| | 1 | 2 | | | | _ | | | \vdash | Н |
| | 2 | ī | | | | | | | | П |
| | 2 3 4 5 6 | П | | | | | | | | |
| | 4 | П | | | | | | | | |
| | 5 | Ш | | | | L | | | | Ш |
| | 6 | Ц | Ш | | | _ | | | | Ш |
| | 7 8 | 1 | | | | _ | <u> </u> | | _ | Ш |
| | 8 | | <u> </u> | | | _ | | _ | _ | Ы |
| | 9 | \sqcup | <u> </u> | _ | _ | <u> </u> | L | | _ | Н |
| | 10 | \vdash | - | _ | \vdash | ┝ | \vdash | | | Н |
| | 11 12 | H | \vdash | H | \vdash | ├- | | H | - | Н |
| | 12 | - | <u> </u> | H | \vdash | \vdash | \vdash | \vdash | - | \vdash |
| | 13 14 | H | H | - | \vdash | | | | H | Н |
| | 15 | H | | | | - | - | - | | Н |
| | 15 16 | Н | | | - | _ | \vdash | | | Н |
| | 17 | - | _ | | | \vdash | \vdash | - | _ | |
| | 18 | - | | | | | \vdash | | - | Н |
| | 18 19 | 11 | | | | | | | _ | |
| | 20 | H | \Box | | | | | | | |
| | 21 22 | П | | | | | | | | П |
| | 22 | П | | | | | | | | |
| | 23 24 25 | П | | | | | | | | |
| | 24 | Ш | | | | | | | | |
| | 25 | Ш | | | | | | | | |
| | 26 | Ц. | Щ | | _ | ᆫ | L | | <u> </u> | Ш |
| | 27 | Щ. | | | _ | <u> </u> | | | | Ш |
| | 28 | Ш | | | | _ | | | | _ |
| | 29 | # | _ | _ | | | | | | |
| | 30 | ╙ | \vdash | - | | _ | | | | Н |
| | 31 | H - | - | _ | | <u> </u> | - | | | Н |
| | 32 33 | | - | \vdash | | \vdash | \vdash | <u> </u> | - | \dashv |
| | 34 | + | | | <u> </u> | <u> </u> | \vdash | \vdash | H | \vdash |
| | 34 35 | H | H | H | | H | - | | - | Н |
| | 36 | - | - | Н | H | \vdash | \vdash | H | ┢ | \vdash |
| | 37 | H | | | - | \vdash | \vdash | | H | Н |
| | 38 | 11 | Н | Н | | <u></u> | - | \vdash | Н | \dashv |
| | 39 | | | Г | | \vdash | | | \vdash | \dashv |
| | 40 | П | | | | | | | | П |
| | 41 | | | | | | | | | |
| | 42 | | | | | | | | | |
| | 43 | \Box | | | | | | | | |
| | 44 | П | | | | | | | | |
| | 45 | Ш | | | | | | | | Ш |
| | 46 | Ш | | | _ | _ | Ш | Ш | <u> </u> | Ш |
| | 47 | Ш | Ш | L | | <u>_</u> | $oxed{oxed}$ | | <u> </u> | Ц |
| | 48 | 1 | | \vdash | <u> </u> | <u> </u> | \vdash | L | \vdash | Щ |
| | 49 | ļ. | <u> </u> | <u> </u> | _ | <u> </u> | \vdash | | <u> </u> | Ш |
| | 50 | ا ث | 1 | 1 | l | ı | 1 | 1 | l | ıl |

| UIC. | 11111 | ᆫ | _ | | | | שט | = | | | | | Ula VI | 11111 | _ | | | | Jau | | | | | ı ∟ |
|----------|----------------------------|---------|-------|---|----------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|--------------------------------------------------|----------|----|-----------|----------------|----------|----------|--------------|----------|--------------|----------|------------------------------|----------|---------------------------|------------|
| LIIGI | Original | 1.9/4/0 | 0/2/2 | | | | | | | | | | Final | Original | 2/5/6 4 | | | | | | | | | i |
| | 1 | ب | | | | | | | | Г | | | | 51 | 4 | | | | | | | | | |
| | 2 | Г | 1 | | | | | | | | Г | 1 | | 51 52 | ٠. | | | | | | | | | |
| | 3 | П | 7 | | | | | | | | Г | 1 | | 53 | 1 | ┰ | \vdash | _ | | | | П | П | |
| | 4 | Н | 7 | | | | T | | | T | m | il | | 54 | H | | | | | - | П | П | \vdash | |
| | 5 | H | 1 | | | \vdash | | ┢ | \vdash | | ┢ | 1 | | 55 | H | | ┢ | | | | Н | Н | - | |
| | -6 | Н | H | | | \vdash | \vdash | \vdash | ┢ | \vdash | ┢ | | | 56 | ╁ | +- | _ | | | _ | Н | Н | \vdash | ▎├ |
| = | 2 3 4 5 6 7 | Н | H | | | - | _ | \vdash | \vdash | \vdash | Н | | | 57 | ╫ | ┼- | ┢ | _ | _ | _ | | Н | _ | ▎┝ |
| - | - | - | H | | _ | ⊢ | ⊢ | ┝ | ├─ | - | ┢ | | | 58 | - | ⊢ | \vdash | | | | \vdash | Н | \vdash | l ⊢ |
| - | 8 9 | - | ₩ | | | \vdash | \vdash | ┝ | ┝ | | ⊢ | | - | 50 | + | ╁ | ⊨ | | | | \vdash | Н | \vdash | l ⊢ |
| - | 40 | ⊢ | ₩ | _ | _ | \vdash | \vdash | \vdash | H | | ⊢ | | | 59 | _ | ╀ | ⊢ | _ | | | \vdash | Н | \vdash | ▎┝ |
| - | 10 11 | - | ₩ | | _ | ⊢ | <u> </u> | ┝ | ⊢ | | ⊢ | | | 60 | | \vdash | H | | | | Н | \vdash | | I⊢ |
| | 11 | L | # | | _ | \vdash | <u> </u> | | - | _ | <u> </u> | | | 61 | _ | ╄ | <u> </u> | | | | \vdash | Н | | |
| | 12 13 | L | # | _ | | L | _ | _ | | _ | L | | | 62 63 | | ╙ | L | | | | | Ш | | l ∟ |
| | 13 | L | Ц | | | <u> </u> | | | | | | | | 63 | | | | | | | | Ш | | l ∟ |
| | 14 | L | Ц | | | _ | | | L | | 乚 | | | 64 | | \perp | | | | | | | | ▎▕ |
| | 15 16 | L | Ц | | | L | <u> </u> | | | | | | | 65 66 | | <u></u> | | | | | | | | |
| | 16 | Ш | | | | | | | | _ | | | | 66 | | | | | | | | | | |
| | 17 | | | | | | | | | | | | | 67 | | | | | | | | | | |
| | 18 | П | 7 | | | | | | | | Г | | | 68 | | Π | | | | | | П | | |
| | 18 19 | П | 1 | | | | | | | | Г | 1 | | 69 | | Τ | | | | | П | | Г | |
| | 20 | П | 7 | | | | | | | Г | Г | 1 | | 70 | | | Т | | | | \Box | П | | |
| | 21 | Н | 1 | | | | \vdash | | | | Н | 1 | | 71 | _ | †- | т | - | _ | _ | $\overline{}$ | Н | \vdash | 1 |
| _ | 22 | Н | + | | \vdash | - | ┢ | \vdash | \vdash | H | H | 1 | | 72 | Н | ┢ | | - | | _ | - | | | - |
| _ | 23 | Н | + | | - | \vdash | \vdash | \vdash | \vdash | \vdash | ┢ | 1 | | 73 | | ╁┈ | ┢ | _ | | | П | Н | | ▎├ |
| \neg | 23 24 | H | + | | \vdash | | - | - | \vdash | - | H | 1 | | 74 | | \vdash | | | | _ | - | - | | - |
| \dashv | 25 | Н | ┪ | | \vdash | | ⊢ | - | ┝ | - | ⊢ | | | 7 5 | _ | + | Н | _ | | | \vdash | Н | \vdash | I ⊢ |
| | 20 | Н | ┨ | | Н | \vdash | ┝ | | - | | \vdash | | | 70 | _ | ╁ | H | | | | | - | | ┨┝ |
| | 26 | H | 4 | _ | \vdash | ⊢ | ⊢ | <u> </u> | ├- | - | ⊢ | | | 76 | _ | ╁ | H | _ | | | H | \vdash | <u> </u> | I |
| - | 27 | H | + | | _ | _ | <u> </u> | | | ⊢ | \vdash | | | 77 | _ | \vdash | L | | _ | | | | <u> </u> | _ |
| _ | 28 | # | 4 | | <u> </u> | | <u> </u> | | - | <u> </u> | _ | | | 78 | _ | ╄ | <u> </u> | | | | \vdash | \vdash | _ | │ |
| _ | 29 | Щ | 4 | | | _ | | | ┕ | Ļ | L. | 1 | | 79 | | ╄ | | | | _ | $ldsymbol{ldsymbol{\sqcup}}$ | Ш | $ldsymbol{ldsymbol{eta}}$ | l ∟ |
| _ | 30 | Щ | 4 | | _ | _ | $oxed{oxed}$ | | L | <u> </u> | _ | | | 80 | _ | <u> </u> | | _ | | | _ | | _ | l ∟ |
| | 31 | Щ. | 1 | | _ | L | <u> </u> | L | | | | | | 81 | | | | | | | | | | ΙL |
| | 32 | 1 | 1 | | | | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{ld}}}}}}$ | | <u> </u> | _ | L | | | 82 | | ┖ | | | | | $oxed{oxed}$ | | | |
| | 33 | П | 1 | | | | | | | | | | | 83 | | L | | | ! | | | | | |
| | 34 | Ц | | | | | | | | | | | | 84 | | | | | | | | | | |
| | 34 35 | | I | | | | | | | | | | | 85 | | | | | | | | | | |
| | 36 | П | Т | | | | | | | | Γ | | | 86 | | П | | | | | | | | |
| | 37 | П | П | | | | | | Г | | | | | 87 | | | | | | | | | | |
| | 38 | Г | П | | | | | | | | | | | 88 | | Т | П | | | | | | | |
| | 39 | | Ħ | | | | | | | \vdash | Т | | | 89 | | Т | Г | | | | $\overline{}$ | П | | - |
| | 40 | Т | Ħ | | Г | | | | | | | | | 90 | | Ι- | | | | _ | П | | | - |
| \neg | 41 | Г | Ħ | | Г | | \vdash | | | \vdash | Г | | | 91 | | \vdash | ┢ | _ | _ | | \vdash | | - | |
| _ | 42 | Н | H | | _ | - | \vdash | | H | \vdash | H | | | 92 | _ | ╁╌ | - | - | | ┝ | ⊢ | | | ▎├ |
| - | 43 | | Н | | | \vdash | \vdash | | ├─ | - | ⊢ | | | 93 | _ | + | ╁ | _ | - | - | H | \vdash | _ | ▎├ |
| - | 44 | Н | Н | | \vdash | \vdash | - | ┢ | ┢─ | - | \vdash | | | 94 | | \vdash | \vdash | _ | _ | \vdash | \vdash | \vdash | - | ⊢ |
| | 45 | Н | Н | _ | | \vdash | \vdash | \vdash | ├- | \vdash | - | | | | _ | ╀ | ├ | | - | ⊢- | \vdash | \vdash | H | |
| - | 45 | Н | Н | _ | \vdash | \vdash | | \vdash | ⊢ | - | - | | | 95 | _ | - | ₩- | _ | - | \vdash | ⊢ | \vdash | \vdash | |
| - | 46 | Н | 4 | _ | _ | \vdash | \vdash | <u> </u> | \vdash | \vdash | ⊢ | | | 96 | <u> </u> | ╀ | ├- | <u> </u> | <u> </u> | - | ⊢ | ⊢ | | } ├- |
| _ | 47 | Н | 4 | | ⊢ | | <u> </u> | <u> </u> | \vdash | _ | \vdash | | | 97 | _ | | | _ | | <u> </u> | ⊢ | ├ | <u> </u> | - |
| _ | 48 | H | 4 | | <u> </u> | | | <u> </u> | <u> </u> | <u> </u> | \vdash | { | | 98 | _ | | <u> </u> | | <u> </u> | <u> </u> | ⊢ | — | <u> </u> | ↓ |
| 4 | 49 | , | - 1 | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | — | | | 99 | _ | \vdash | | _ | _ | <u> </u> | L | \vdash | <u> </u> | l L |
| | 50 | ÷ | 1 | | | | <u> </u> | <u> </u> | | <u> </u> | Ц_ |] | | 100 | | <u>L</u> | L_ | L | | L | L_ | L_ | <u> </u> | J L |
| | | | | | | | | | | | | | | | | | | | | | | | | |

| Cla | aim | | | | | Date | | 1 | | | | |
|-------------|---------------------------------|----------|--------------|----------|--------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|----------|----------|--|--|
| | Claim | | | | | | | | | П | | |
| Final | Original | | | | | | | | | | | |
| | 101 102 | | | | | | | | | | | |
| | 102 | | | | | | | _ | | | | |
| | 103 104 | | | | | | | | | | | |
| | 104 | | | | | _ | <u> </u> | _ | | Ш | | |
| | 105 106 | | | | | | L | $oxed{oxed}$ | | | | |
| | 106 | | | _ | _ | | L | _ | | | | |
| | 107 | | | | | | _ | _ | _ | - | | |
| | 108 | | _ | | - | | - | | | \vdash | | |
| | 109 110 | _ | _ | | | | - | _ | | \vdash | | |
| | 111 | | | | | | - | | | Н | | |
| | 112 | _ | ┝ | — | \vdash | - | \vdash | \vdash | Н | \dashv | | |
| | 111 112 113 114 115 | | - | | | | - | - | | | | |
| | 114 | | | | | | | \vdash | \vdash | | | |
| | 115 | _ | \vdash | | - | _ | \vdash | \vdash | - | \vdash | | |
| | 116 | | | _ | | | | H | | Н | | |
| | 116 117 | | _ | | | | Н | \vdash | - | \vdash | | |
| | 118 | | \vdash | | | | | \vdash | \vdash | \neg | | |
| | 119 | | | | | | | | _ | | | |
| | 119 120 121 | | \vdash | | _ | | | | | | | |
| | 121 | | \vdash | | | | Н | | | П | | |
| | 122 | _ | | | _ | | | | | | | |
| | 122 123 | | | | | | | | | | | |
| | 124 125 126 | _ | | | | | | | | | | |
| | 125 | _ | | | | | | | | | | |
| | 126 | | | | | | | | | | | |
| | 127 | | | | | | | | | | | |
| | 127 128 | | | | | | | | | | | |
| | 129 | | | | | | | | | | | |
| | 130 131 132 | | | \Box | | | | | | Ш | | |
| | 131 | | | | | | <u> </u> | | | | | |
| | 132 | | | | | | | | L | \Box | | |
| | 133 134 | | <u> </u> | _ | | | | _ | _ | Ш | | |
| | 134 | _ | <u> </u> | | H | _ | _ | | | Н | | |
| | 135 | | _ | _ | | _ | | | | Н | | |
| | 136 | | <u> </u> | | | | | <u> </u> | | Н | | |
| | 137 | _ | - | Н | | | H | H | _ | \vdash | | |
| | 138 139 | _ | | | \vdash | | | ⊢ | | | | |
| | 140 | | ⊢ | _ | \vdash | \vdash | H | ⊢ | | Н | | |
| | 141 | | \vdash | - | | | | - | ⊢ | Н | | |
| | 142 | | ⊢ | - | | \vdash | ├- | - | H | Н | | |
| | 143 | \vdash | | \vdash | \vdash | | | \vdash | \vdash | H | | |
| _ | 144 | \vdash | \vdash | \vdash | \vdash | H | \vdash | \vdash | ┢ | Н | | |
| | 145 | \vdash | \vdash | - | \vdash | \vdash | | | \vdash | H | | |
| _ | 146 | | \vdash | - | Ι- | | | | \vdash | \vdash | | |
| | 147 | | \vdash | \vdash | \vdash | \vdash | | \vdash | \vdash | Н | | |
| | 148 | \vdash | T | | \vdash | | \vdash | | \vdash | Н | | |
| | 149 | \vdash | T | Г | \vdash | <u> </u> | <u> </u> | \vdash | \Box | \Box | | |
| | 150 | | Г | \vdash | Г | Г | I | | Г | П | | |
| | | | ـــــــ | — | | | | Ь | ш | | | |